

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
 Data File : BF089551.D
 Acq On : 2 Aug 2016 17:11
 Operator : UM/SJ
 Sample : H4269-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0

Quant Time: Aug 03 01:47:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 01:32:56 2016
 Response via : Initial Calibration

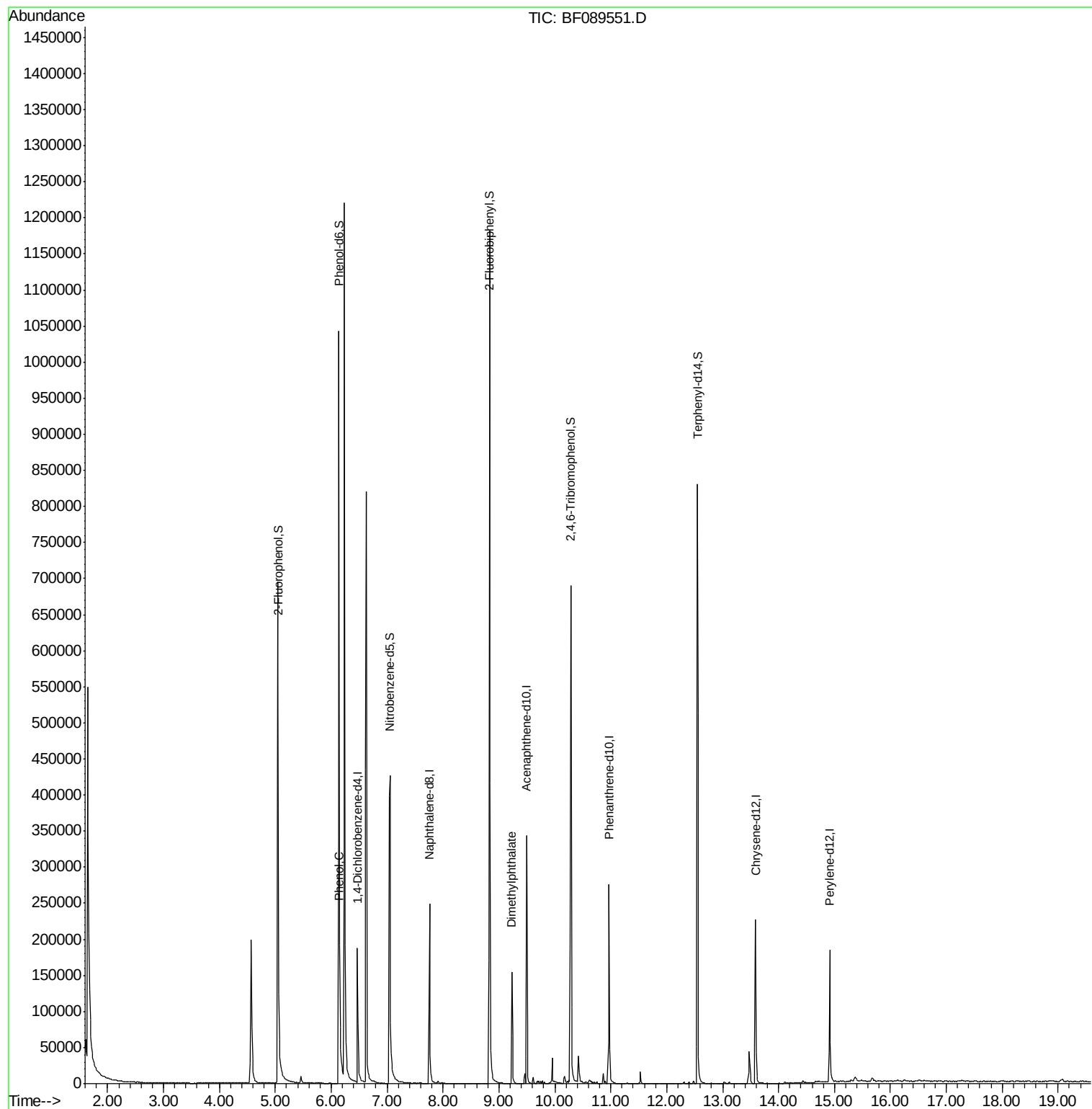
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	40126	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	156910	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	70324	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	122192	20.00	ng	0.00
75) Chrysene-d12	13.59	240	90428	20.00	ng	-0.01
86) Perylene-d12	14.91	264	77163	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	335123	133.35	ng	0.02
7) Phenol-d6	6.14	99	455486	137.15	ng	0.00
23) Nitrobenzene-d5	7.05	82	270168	101.63	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	74126	127.27	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	449219	93.75	ng	-0.01
78) Terphenyl-d14	12.55	244	335123	86.74	ng	-0.01
Target Compounds						
10) Phenol	6.15	94	7726	2.11	ng	Qvalue # 63
49) Dimethylphthalate	9.23	163	74394	13.90	ng	98

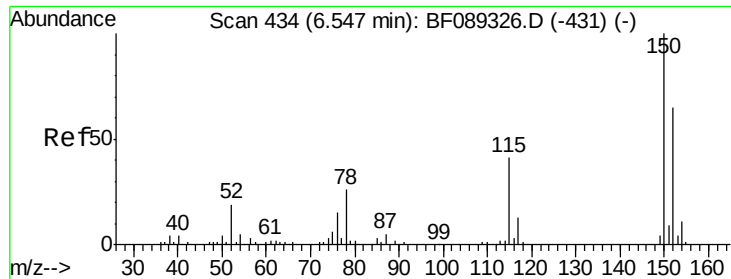
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 01:32:56 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0

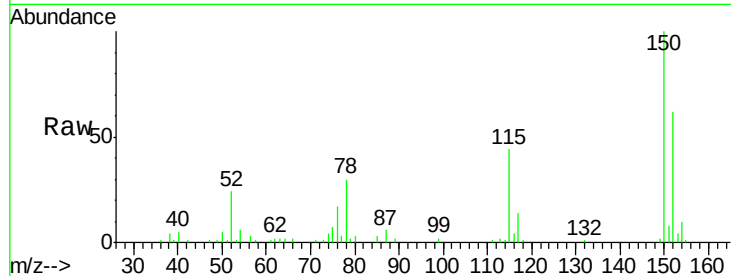
Tot Ion:152 Resp: 40126

Ion Ratio Lower Upper

152 100

150 161.6 129.5 194.3

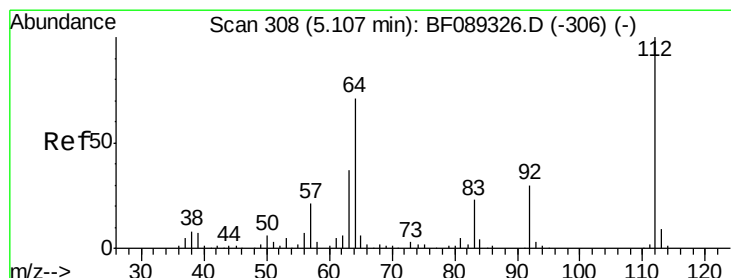
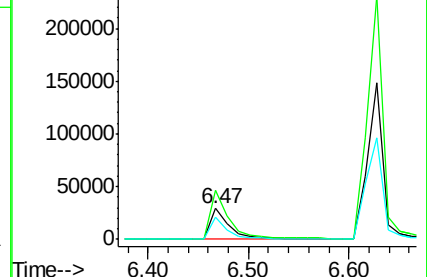
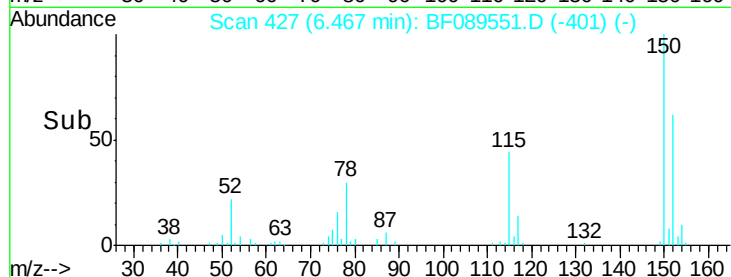
115 70.6 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 133.35 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

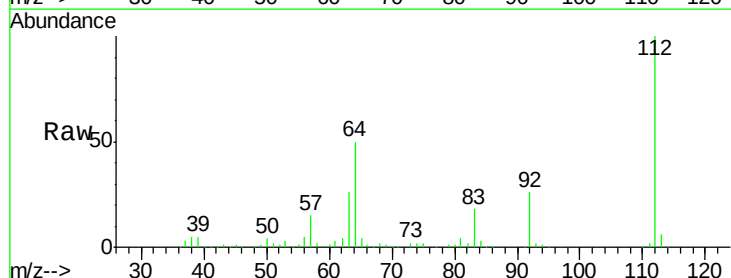
Tgt Ion:112 Resp: 335123

Ion Ratio Lower Upper

112 100

64 49.7 55.0 82.6#

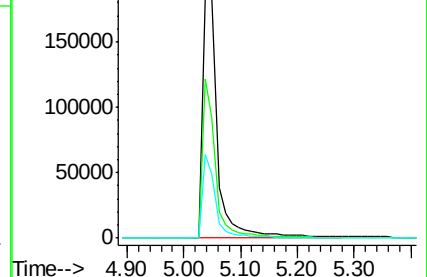
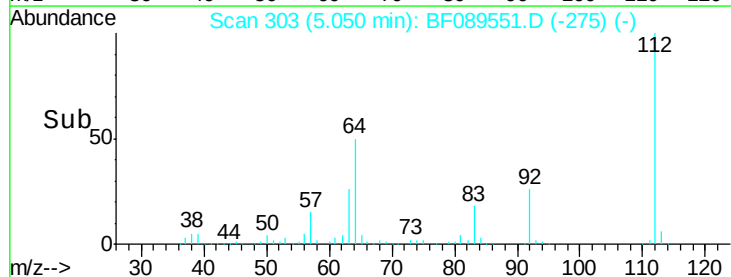
63 26.4 29.4 44.2#

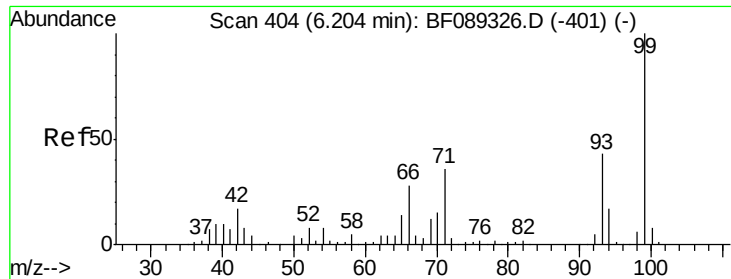


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.15 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0

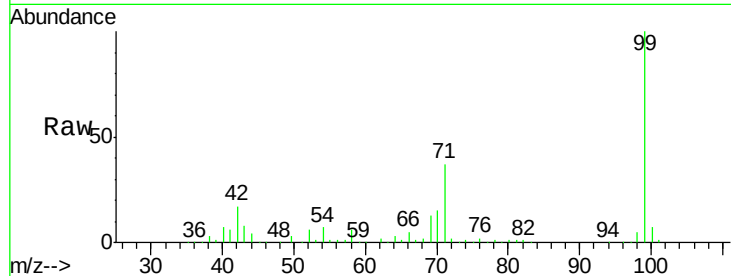
Tot Ion: 99 Resp: 455486

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

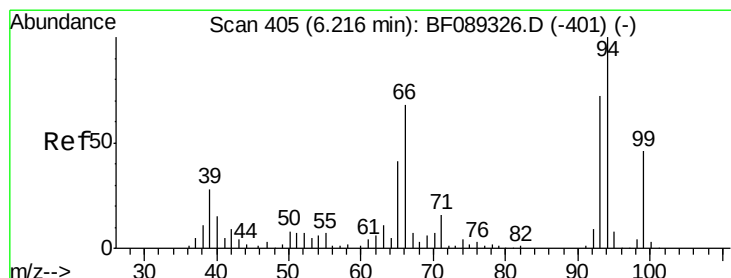
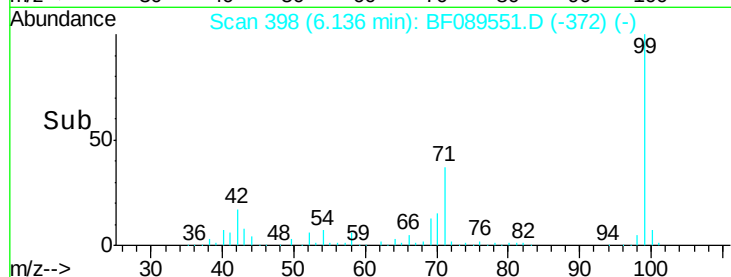
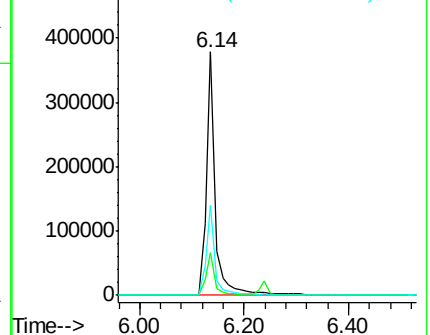
71 37.1 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.11 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

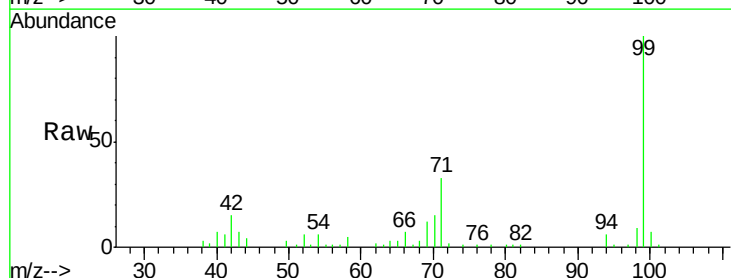
Tgt Ion: 94 Resp: 7726

Ion Ratio Lower Upper

94 100

65 42.3 19.1 59.1

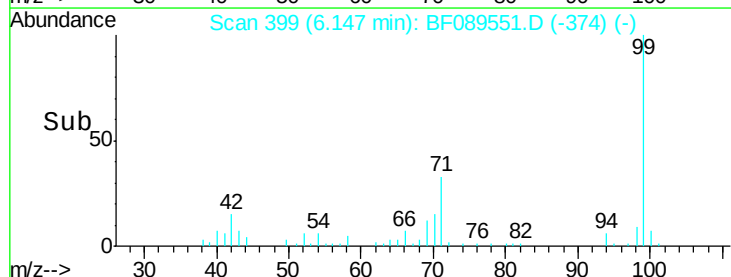
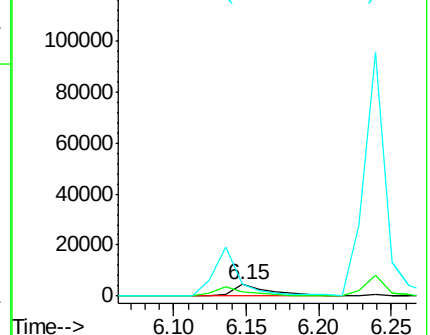
66 108.4 44.4 84.4#

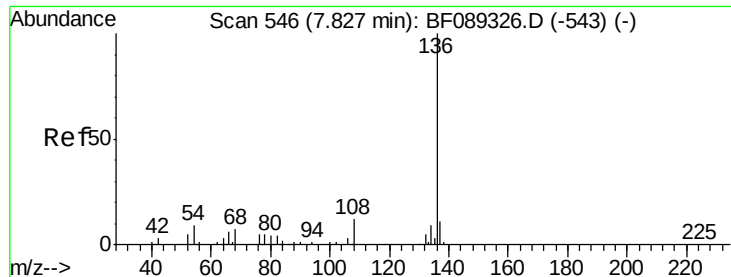


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

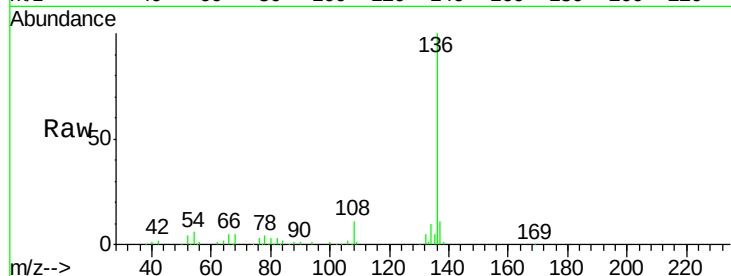




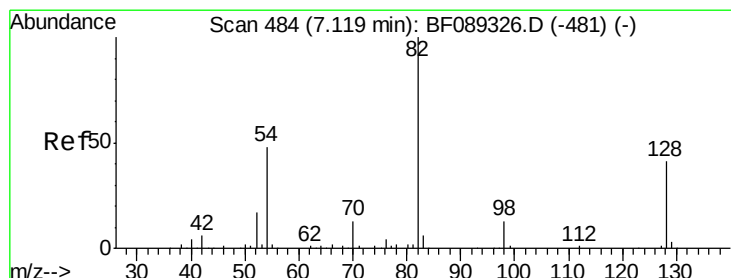
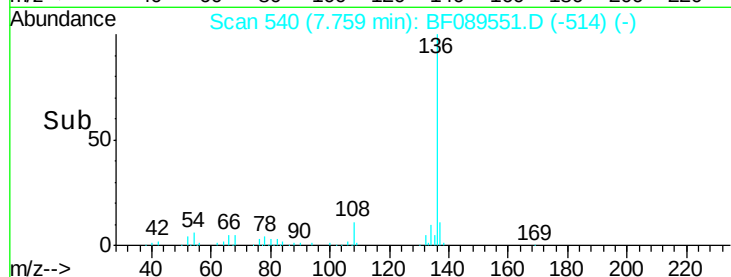
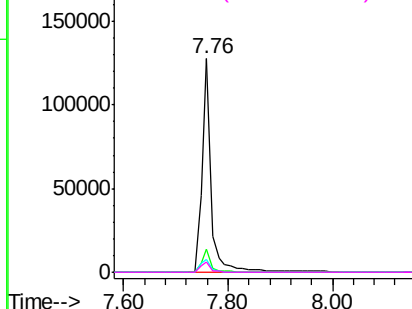
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0

Tot Ion:136	Resp:	156910
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.6 13.0
54	6.2	7.0 10.4#
68	5.0	4.9 7.3

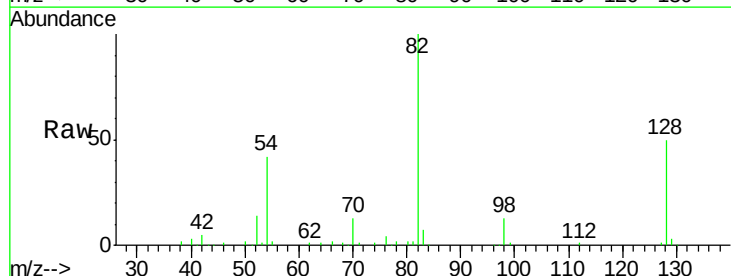


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

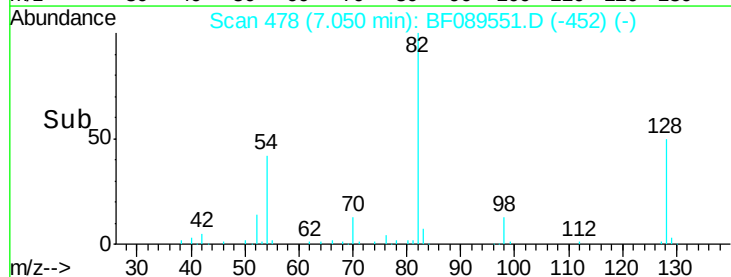
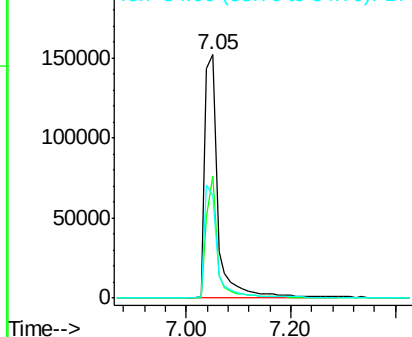


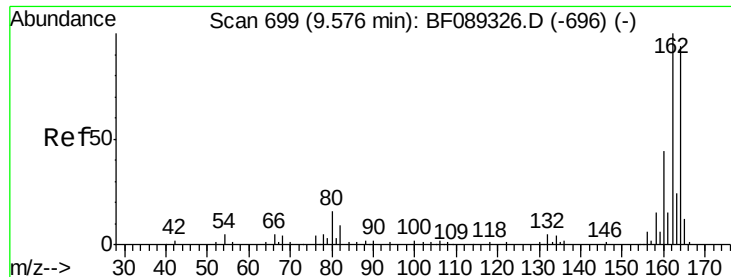
#23
Nitrobenzene-d5
Concen: 101.63 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

Tgt Ion: 82	Resp:	270168
Ion	Ratio	Lower Upper
82	100	
128	50.3	32.5 48.7#
54	42.5	38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

Instrument :

BNA_F

ClientSampleId :

SB-52-13.0-14.0

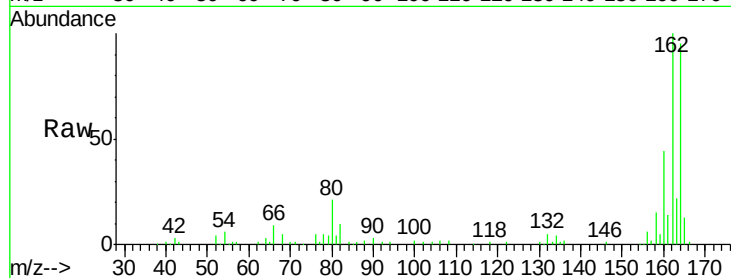
Tot Ion:164 Resp: 70324

Ion Ratio Lower Upper

164 100

162 105.5 83.7 125.5

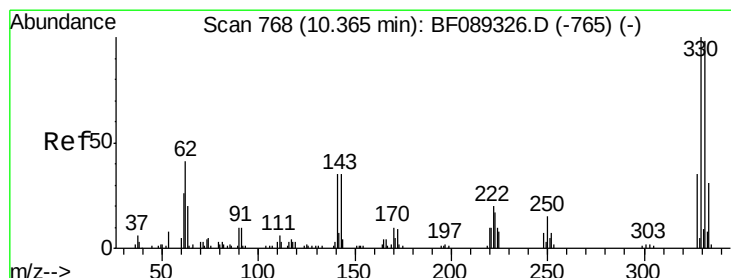
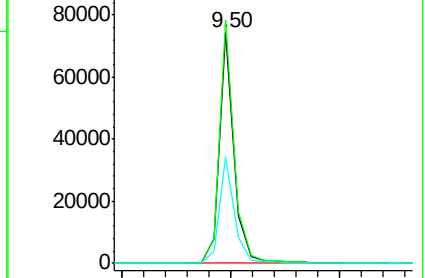
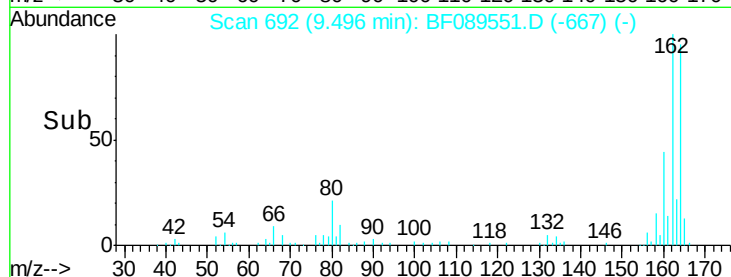
160 46.4 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 127.27 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF089551.D

Acq: 2 Aug 2016 17:11

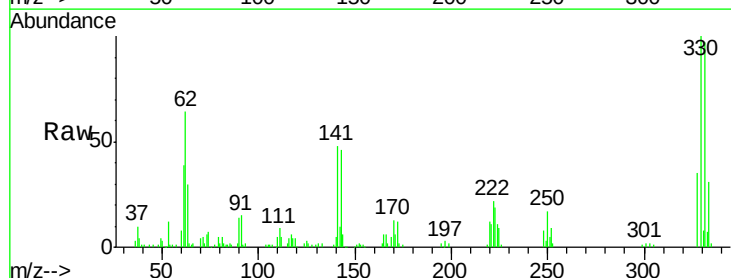
Tgt Ion:330 Resp: 74126

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

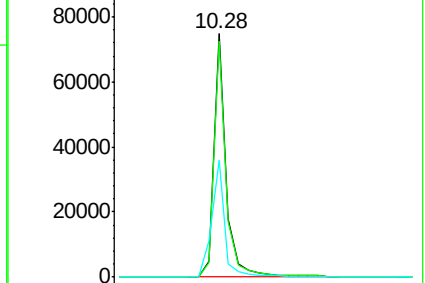
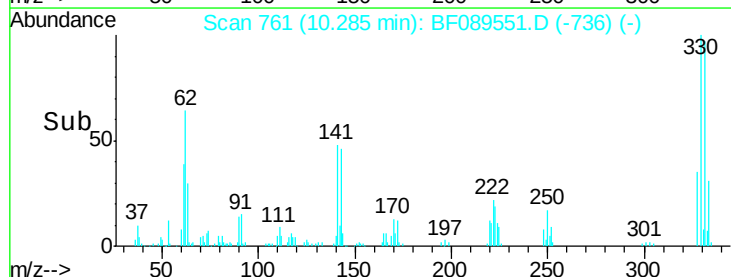
141 51.0 37.3 55.9

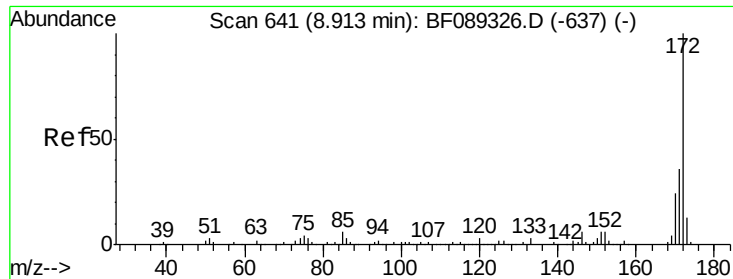


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

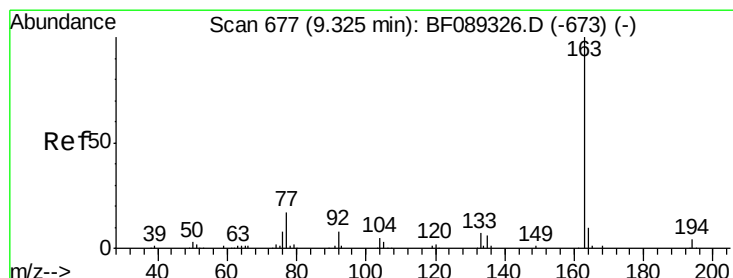
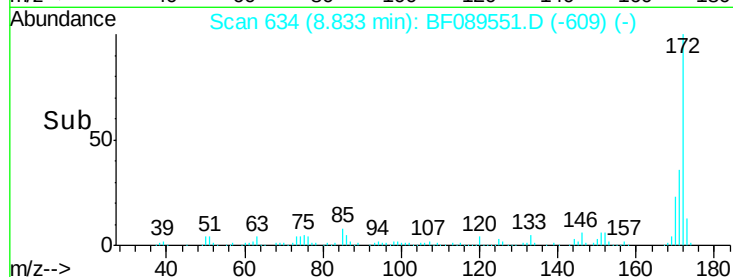
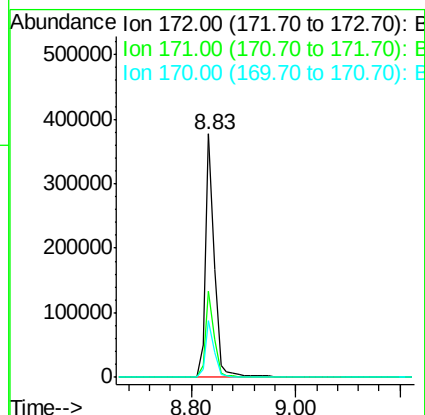
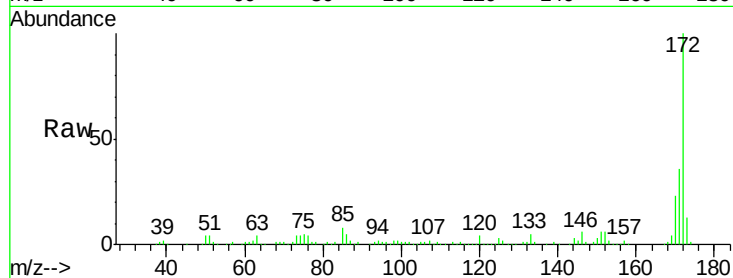




#44
2-Fluorobiphenyl
Concen: 93.75 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

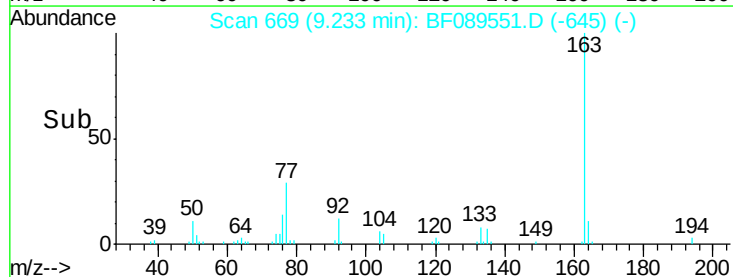
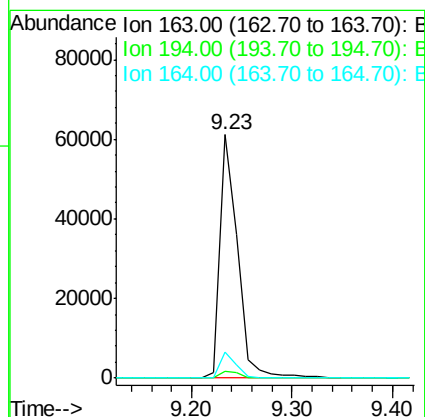
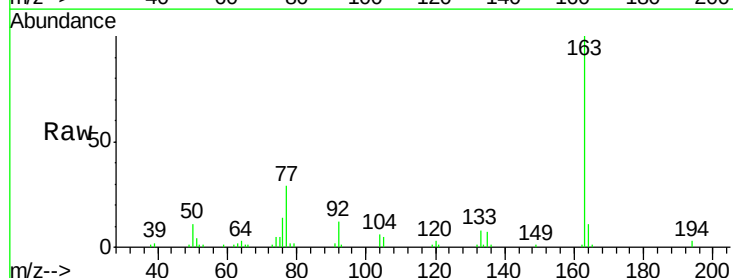
Instrument :
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SB-52-13.0-14.0

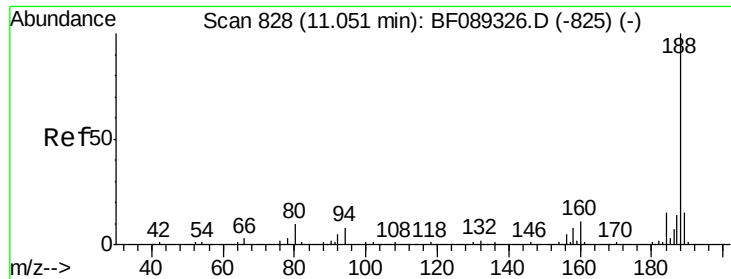
Tot Ion:172 Resp: 449219
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 23.4 19.2 28.8



#49
Dimethylphthalate
Concen: 13.90 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

Tgt Ion:163 Resp: 74394
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 10.7 7.8 11.8

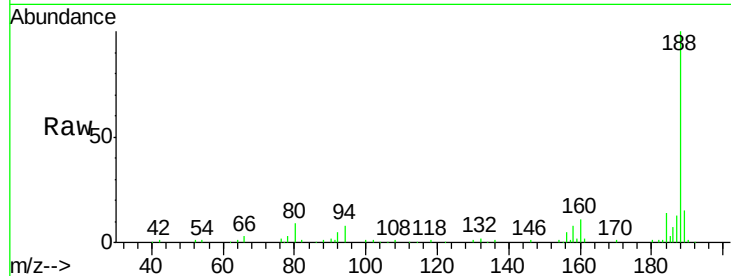




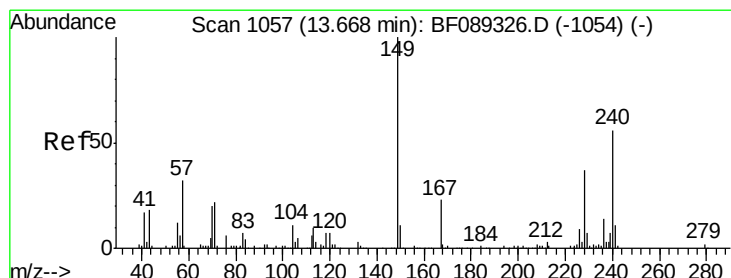
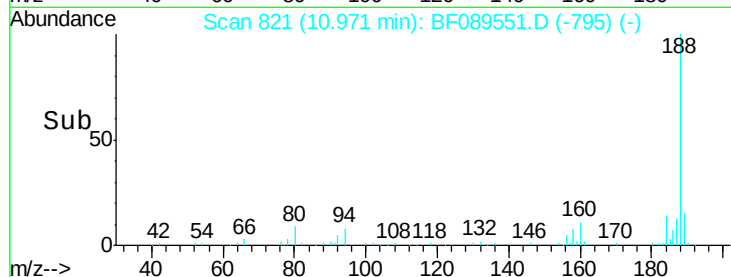
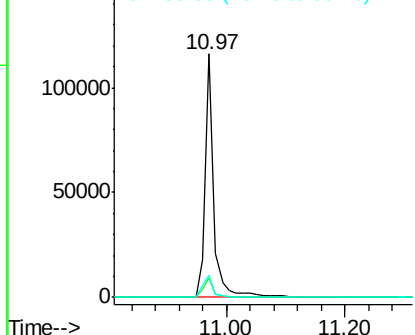
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

Instrument :
BNA_F
ClientSampleId :
SB-52-13.0-14.0

Tot Ion:188 Resp: 122192
Ion Ratio Lower Upper
188 100
94 8.2 6.5 9.7
80 9.1 7.2 10.8

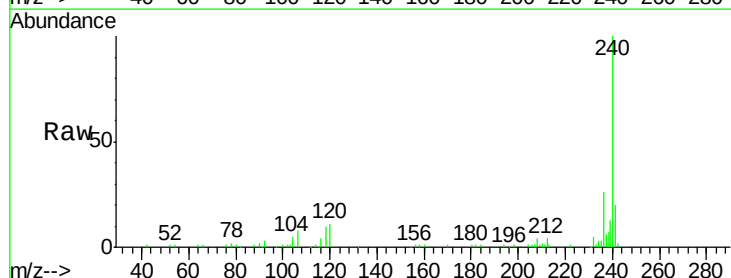


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

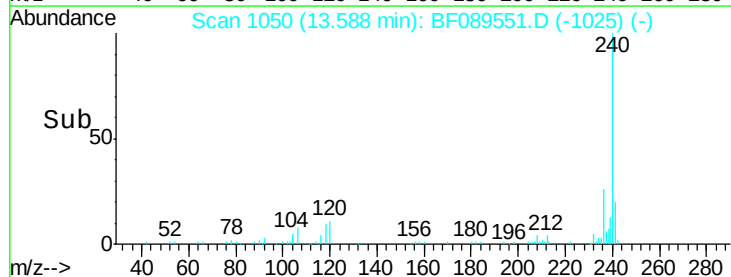
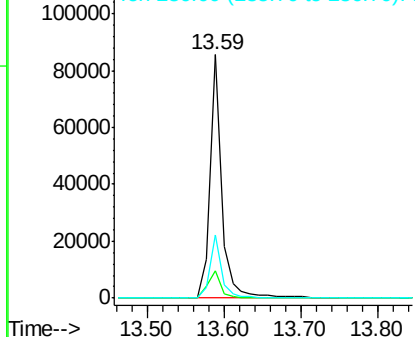


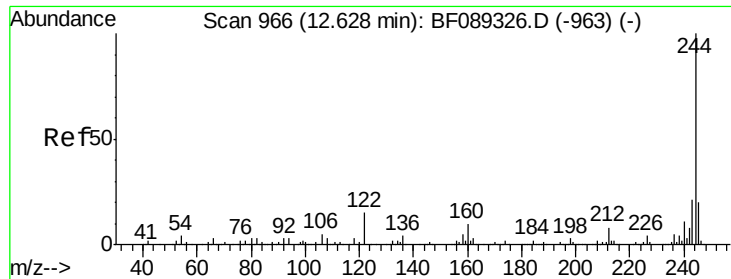
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF089551.D
Acq: 2 Aug 2016 17:11

Tgt Ion:240 Resp: 90428
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 25.7 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

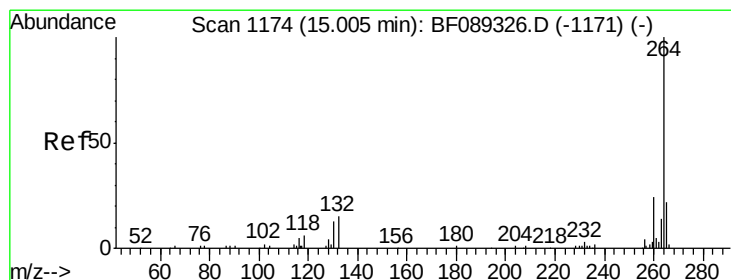
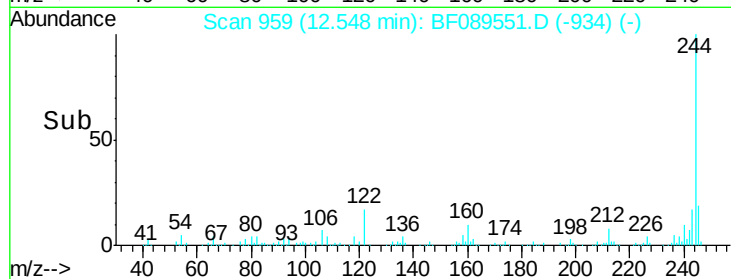
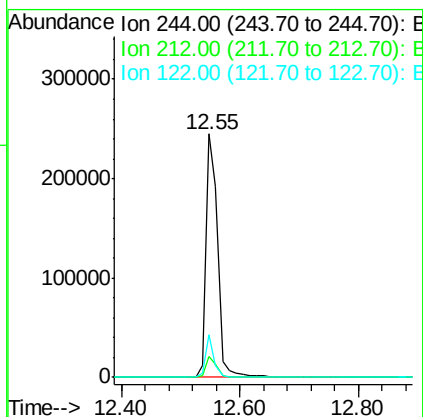
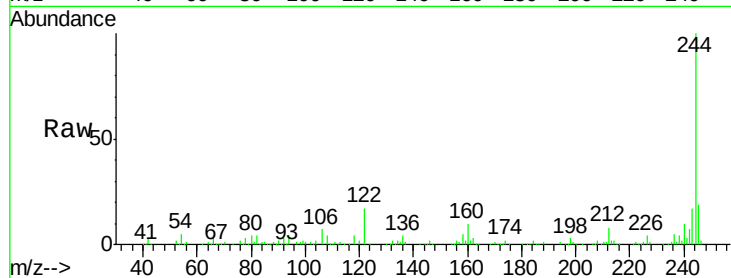




#78
 Terphenyl-d14
 Concen: 86.74 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF089551.D
 Acq: 2 Aug 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-52-13.0-14.0

Tot Ion:244 Resp: 335123
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 17.4 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF089551.D
 Acq: 2 Aug 2016 17:11

Tgt Ion:264 Resp: 77163
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.4 17.5 26.3

